



# Calcium Chloride/Bromide Solution

## MULTI-SALT BLENDS

### Overview

Calcium chloride/calcium bromide solution is a clear brine fluid that is used as a completion, workover, or packer fluid.

It can be formulated to meet individual density and crystallization temperature requirements in the density range from 11.6 lb/gal to 15.1 lb/gal. These generally consist of blends of 11.6 lb/gal calcium chloride solution, 14.2 lb/gal calcium bromide solution, and dry calcium chloride.

### Features and Benefits

- Inhibitive properties can prevent hydration that may lead to migration of swelling clays.
- Can be blended with other clear brine fluids to achieve a specific density and crystallization temperature.
- Generally compatible with most oilfield elastomers.

**Caution: Fluid additives, formation water and other contacting fluids should be screened for compatibility with the brine prior to use.**

### Physical Properties

Appearance	Colorless to light yellow liquid
pH	6.0 - 8.0
Specific gravity	1.39 - 1.81
Crystallization Temperature	60°F maximum

### Packaging Information

Bulk Liquid

### Recommended Treatment

See blending tables or consult a TETRA representative for specific requirements.

### Safety and Handling

Avoid skin and eye contact, inhalation or ingestion. For skin contact, wash with soap and large quantities of water. For eye contact, flush with large quantities of water. Use properly designed respirator if adequate ventilation is not available. Refer to the Safety Data Sheet for specific details.

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